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ANSWER 10 OF 561 CA COPYRIGHT 2004 ACS on STN
AN
     140:6222 CA
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ED
     Water-soluble fireproofing composition with good elasticity and
ТT
     adhesion to substrates
IN
     Masini, Giovanni
PA
     Italy
     Ital., 10 pp.
CODEN: ITXXBY
so
DT
     Patent
LA
     Italian
IC
     ICM C09D
     42-7 (Coatings, Inks, and Related Products)
CC
     Section cross-reference(s): 55
FAN.CNT 1
                                             APPLICATION NO.
                                                              DATE
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     PATENT NO.
                                             _____
     IT 1999-GE130
                                                              19991104
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PΙ
     IT 1311962
                             19991104
PRAI IT 1999-GE130
     The coating compn. with high adhesion to ferrous materials comprises 35-45
     parts inorg. inert compd., 25-35 parts pozzolan cement, 18-20
     parts hydrated alumina, 0 - 5 parts titania, 02 parts
     Al silicate, 3-3.5 parts film forming agent, 0.03-0.08 parts fluidizing
     agent, 0.10-0.20 rosin soap, 0.05 - 0.15 parts stabilizer, and at least 30% water. The inorg. inert compd. is selected from CaCO3,
     quartz flour, or powd. minerals, the film forming agent is selected from
     styrene-acrylic resins and ethylene-vinyl acetate copolymer, and the
     stabilizer is selected from starch and carboxymethylated starch.
     fireproofing coating high solids calcium carbonate acrylic binder;
ST
     pozzolan cement alumina silicate EVA binder fireproofing
     coating; metal fireproofing waterborne coating adhesion elasticity
IT
     Coating materials
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(fire-resistant; high-inorg. solids water-sol. fire-resistan